

Fig. 1

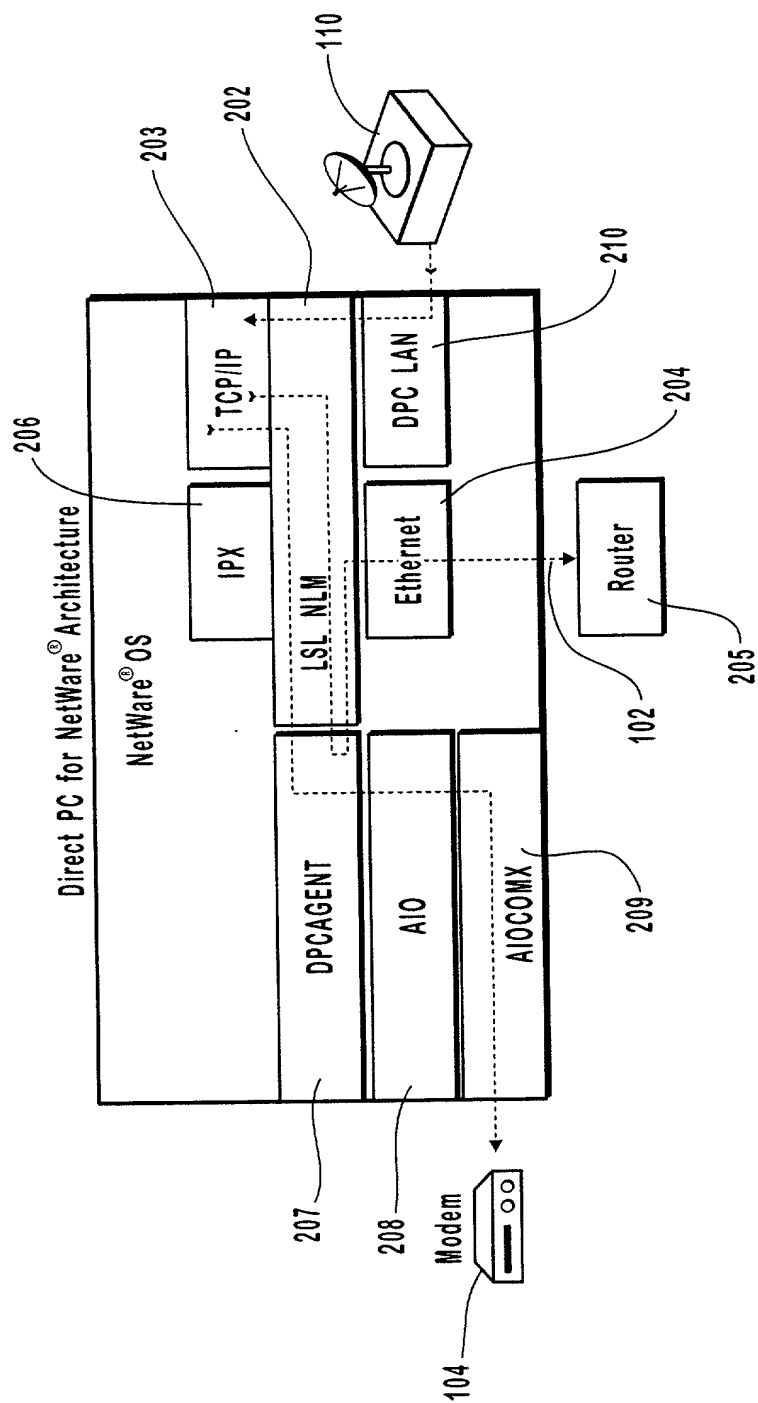


Fig. 2

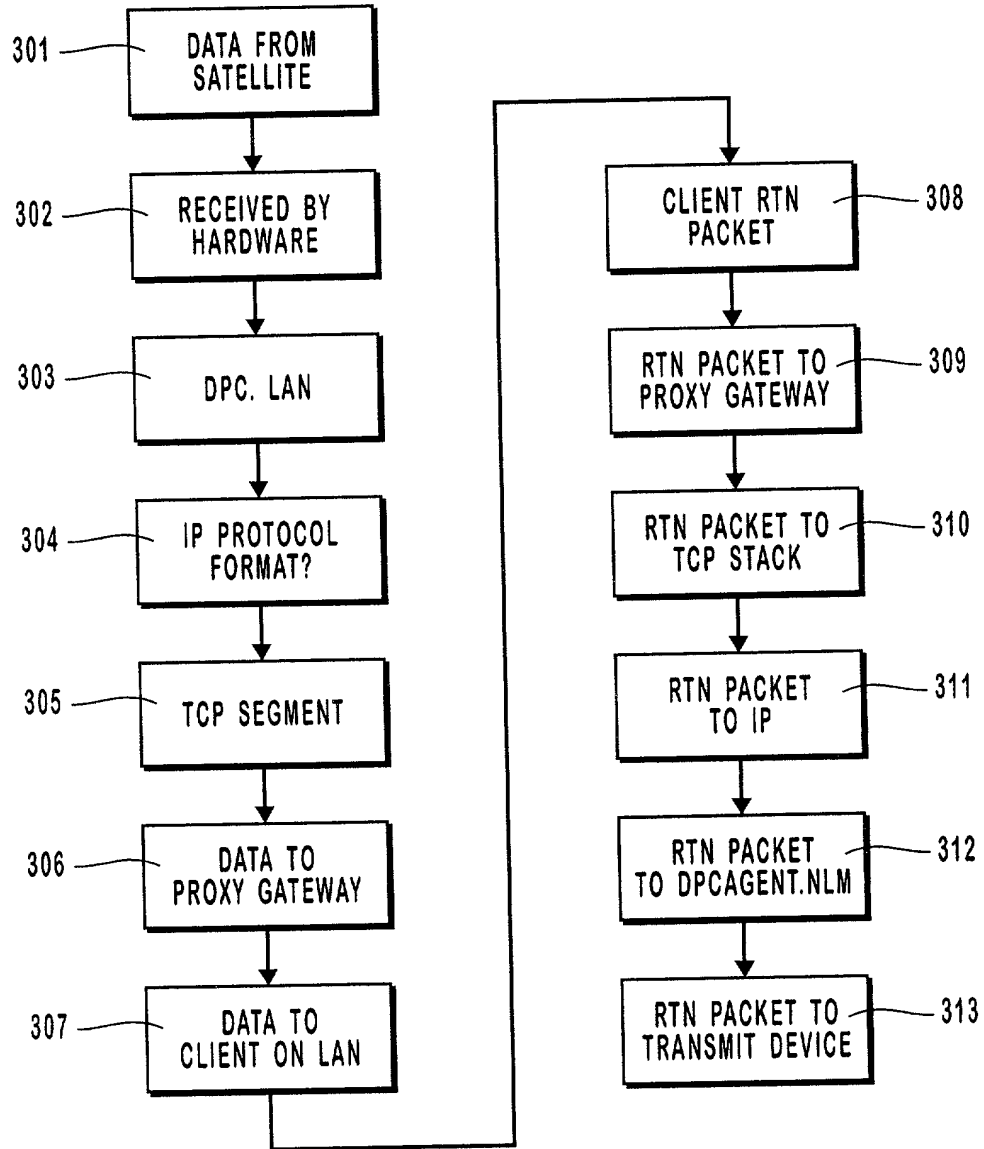


Fig. 3

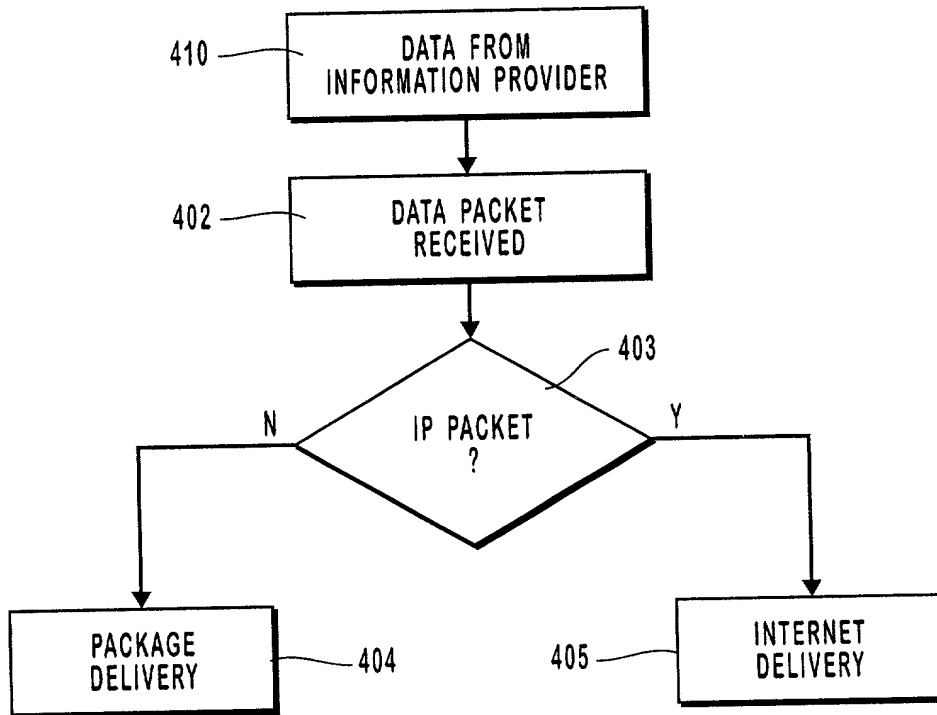


Fig. 4

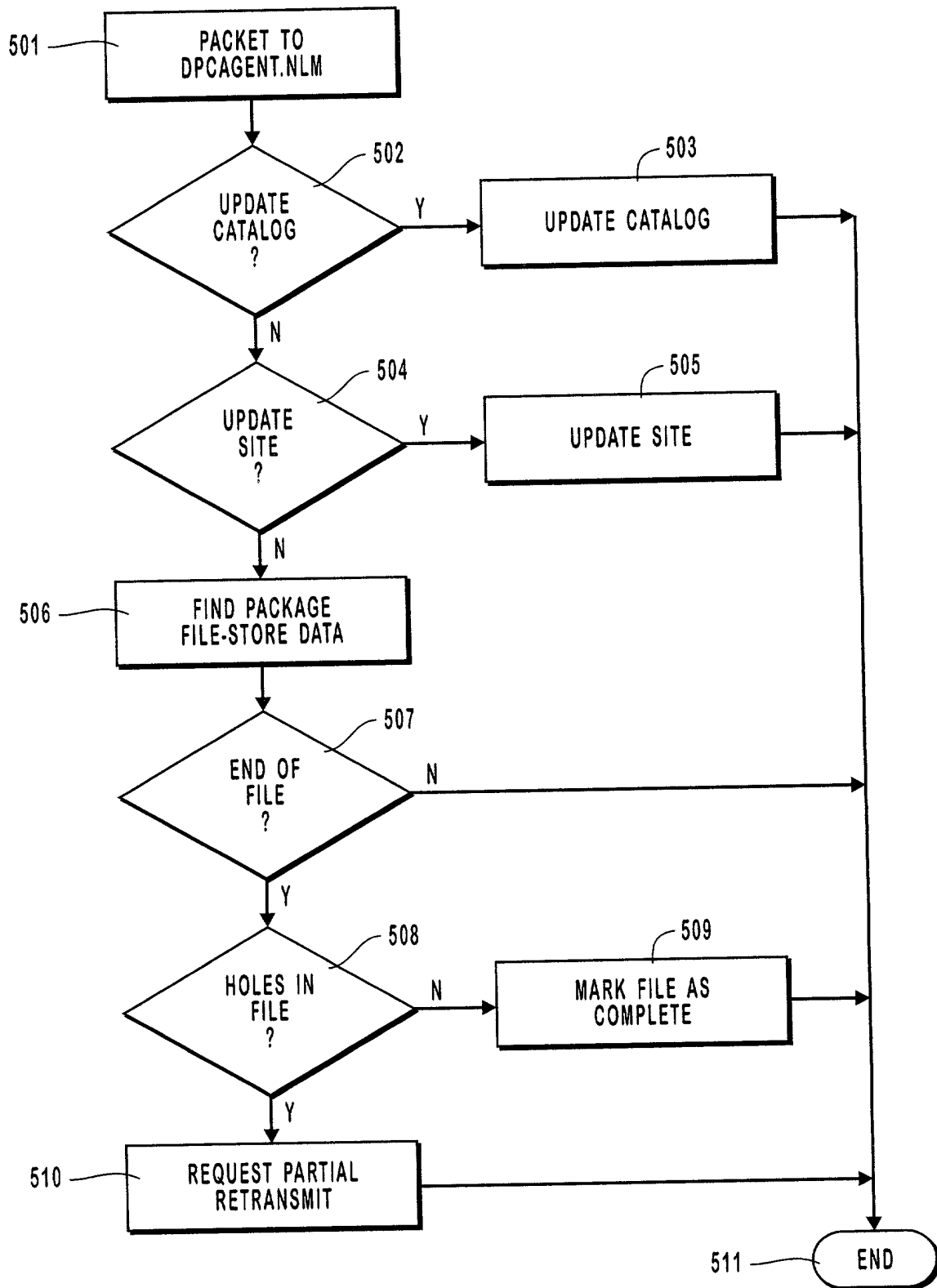


Fig. 5

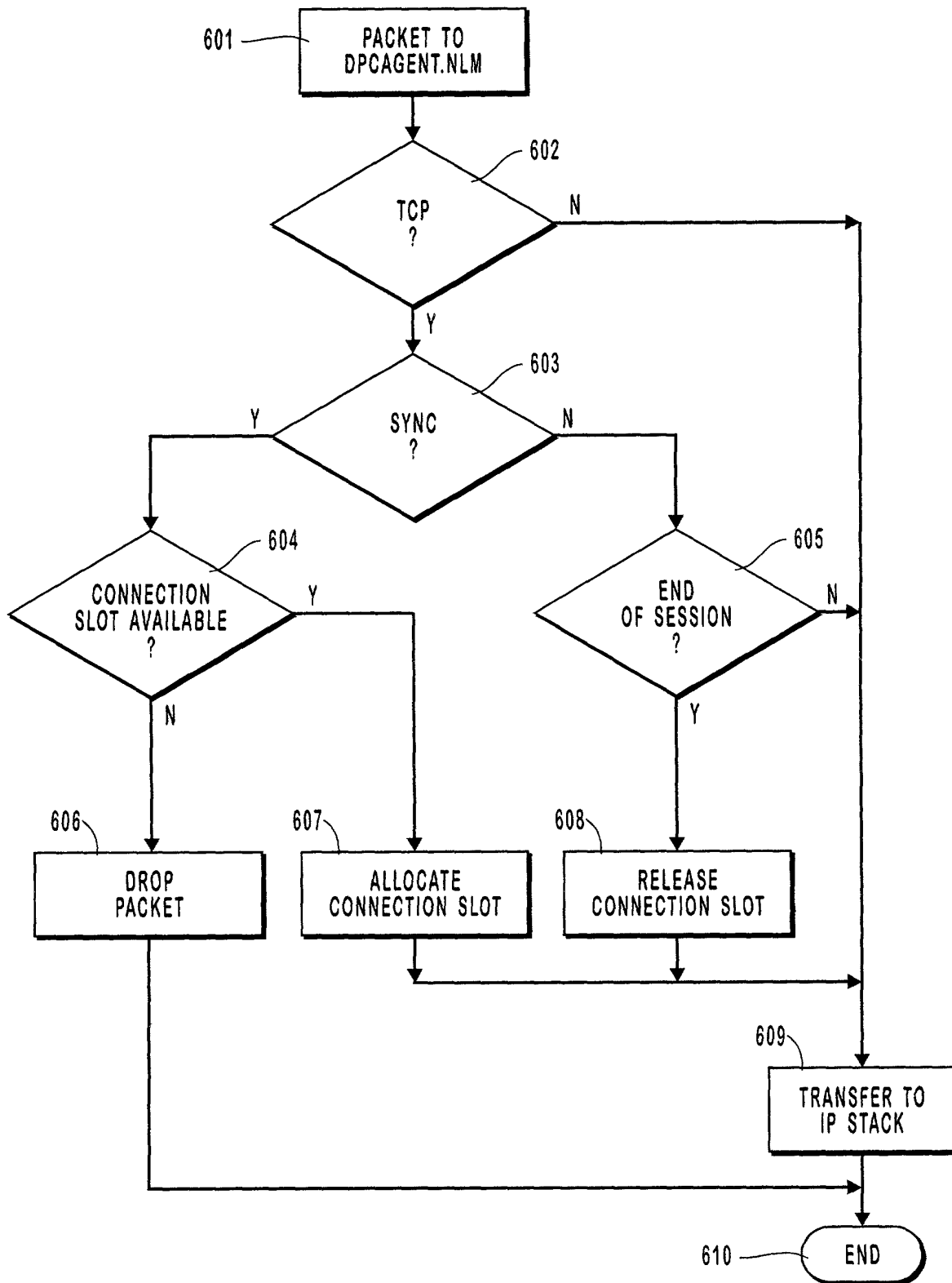


Fig. 6

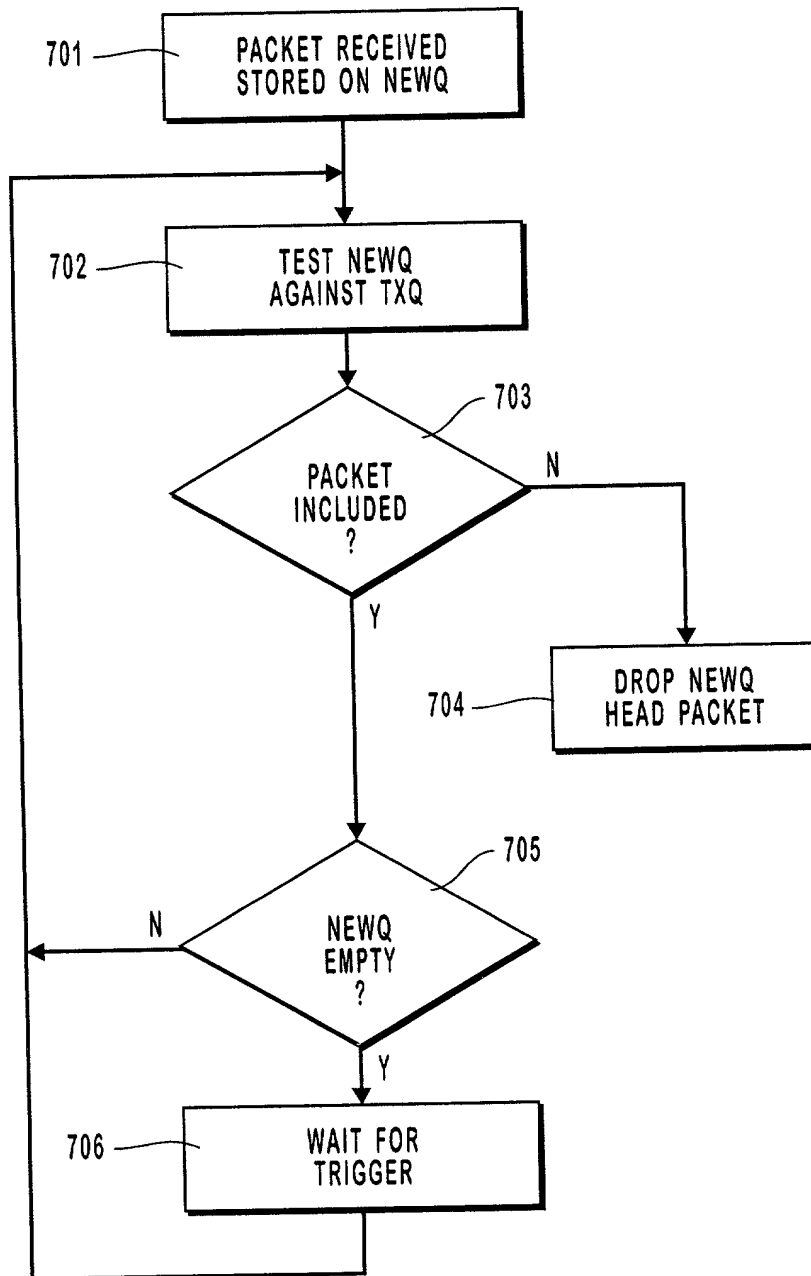


Fig. 7

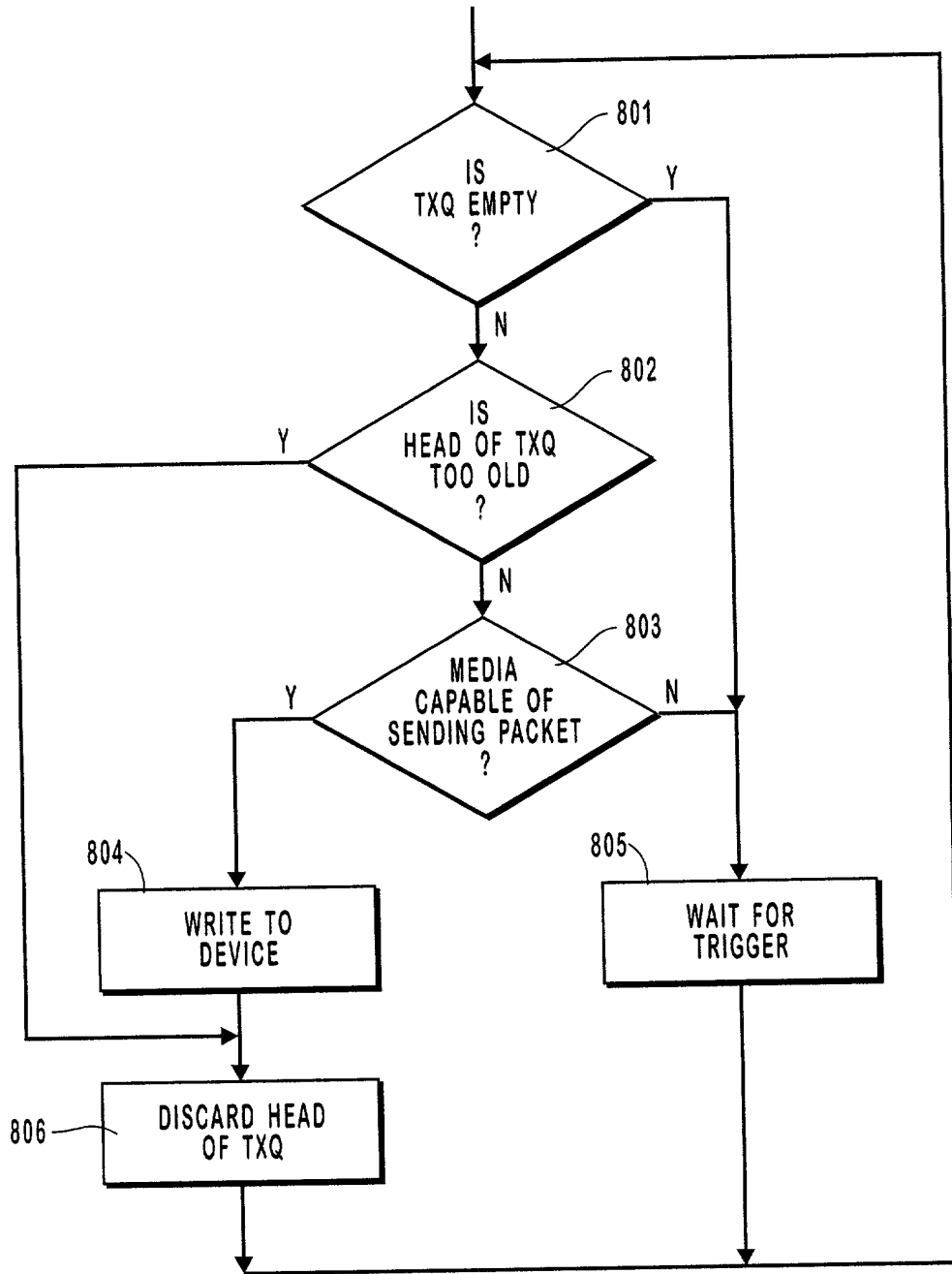
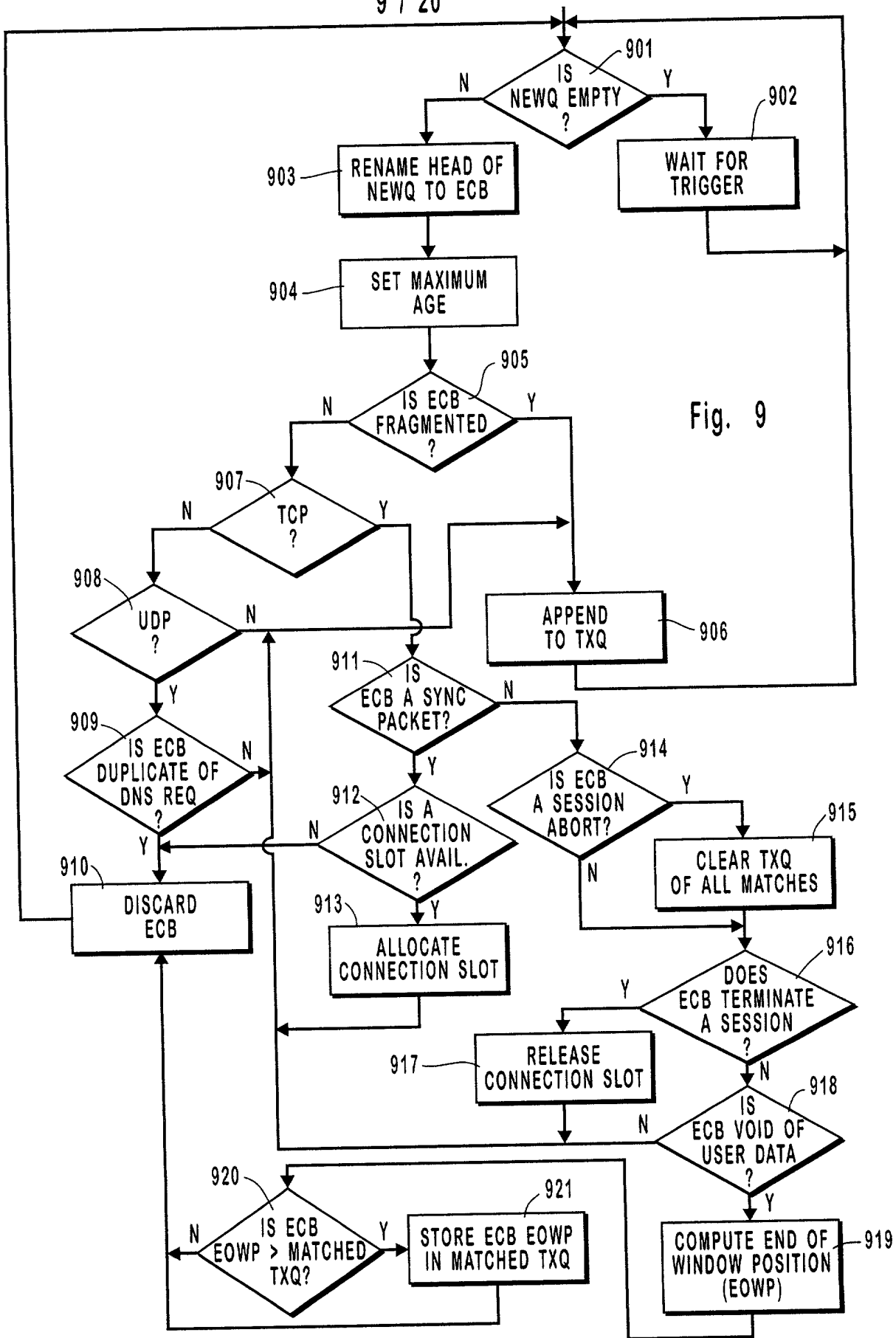


Fig. 8



DPC AGENT PROGRAM 1.50

DPCAGENT Options

Package Delivery

Display MLID Stats

DPC Configuration

Dish Pointing

Adapter Information

Modem Control

Exit DPCAGENT

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10a-1

DPC AGENT PROGRAM 1.50

Digital Package Delivery

DIRECPC	AVI	Marilyn	Avi
DIRECPC	Win3x	Sports	Ticker 16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius	38MB File
HELIUS	HELIUSDV	Helius	Costly File
HELIUS	HELIUSDV	Helius	Test HIGH priority

Status <TAB> Sorting <Enter> Details <Ins> Download Cancel

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10a-2

DPC AGENT PROGRAM 1.50

DPCAGENT Options

Package Delivery

Display MLID Stats

DPC Configuration

Dish Pointing

Adapter Information

Modem Control

Exit DPCAGENT

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: marilyn avi 52% 1755510/3374352

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10b-1

DPC AGENT PROGRAM 1.50

Digital Package Delivery

DIRECPC	Win3x	Sports Ticker	16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius	38MB File
HELIUS	HELIUSDV	Helius	Costly File
HELIUS	HELIUSDV	Helius	Test HIGH priority
CONFIRM DIRECPC	AVI	Marilyn	Avi

Status **<TAB>** Sorting **<Enter>** Details **<Ins>** Download **** Cancel

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10b-2

DPC AGENT PROGRAM 1.50

Digital Package Delivery

DIRECPC	Win3x	Sports Ticker	16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius	38MB File
HELIUS	HELIUSDV	Helius	Costly File
HELIUS	HELIUSDV	Helius	Test HIGH priority
NEEDED DIRECPC	AVI	Marilyn	Avi

Status **<TAB>** Sorting **<Enter>** Details **<Ins>** Download **** Cancel
 Modem Status: Dialing Tx ☐ Rx ☐ Cd ☐
 Package Status: IDLE
 Select an Option **<Enter>** ☐

Fig. 10c-1

DPC AGENT PROGRAM 1.50

Digital Package Delivery

DIRECPC	Win3x	Sports Ticker	16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius	38MB File
HELIUS	HELIUSDV	Helius	Costly File
HELIUS	HELIUSDV	Helius	Test HIGH priority
NEEDED DIRECPC	AVI	Marilyn	Avi

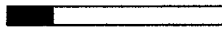
Status **<TAB>** Sorting **<Enter>** Details **<Ins>** Download **** Cancel
 Modem Status: Disconnecting from Package Delivery Tx ☐ Rx ☐ Cd ☐
 Package Status: marilyn.avi  20% 688512/3374352
 Select an Option **<Enter>** Users 50 Keys ☐ Signal ☐

Fig. 10c-2

DPC AGENT PROGRAM 1.50

DPC_1_EII [Dpc port=140 int=B frame=ETHERNET_II]

Version 1.20
 Node Address: 80AE000001
 Protocols:
 ARP
 IP
 Generic statistics

Total packets sent:	1
Total packets received:	0
No ECB available count:	0
Send packet too big count:	0
Reserved:	Not Supported
Receive packet overflow count:	0
Receive packet too big count:	0
Receive packet too small count:	Not Supported
Send packet miscellaneous errors:	0
Receive packet miscellaneous errors:	0

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
 Package Status: IDLE
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10d-1

DPC AGENT PROGRAM 1.50

DPC_1_EII [Dpc port=140 int=B frame=ETHERNET_II]

Send abort from excessive deferral 0
 Receive abort from bad frame alignment 0

Custom statistics

Signal Quality	235
Rx Frequency	13,300
Largest Received IP Frame	0
Number of Receive IP Frames over 400	0
Ave size of Receive IP frames over 400	0
Mips Rx enable commands	0
Mips Rx disable commands	0
Mips frames accepted	6,962
Mips frames rejected from no filter match	1,489,475
Mips frames rejected from zero address	0
Mips frames rejected from adapter disabled	0
Mips frames rejected from low buffer pool	3,611,966

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
 Package Status: IDLE
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10d-2

DPC AGENT PROGRAM 1.50

DPC Configuration

Modem Configuration

Package Delivery Configuration

Provider Configuration

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
Package Status: IDLE
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10e-1

DPC AGENT PROGRAM 1.50

Modem Configuration Editor

Packet Life(sec)	= 120
Call Setup(sec)	= 60
Aync Buffer Size	= 8192
Dial Prefix	= ATDT
Hangup Str	= ATH0
Disconnect str	= NO CARRIER
Escape Str	= +++
Connect str	= CONNECT
Init str	= AT&F1

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
Package Status: IDLE
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10e-2

DPC AGENT PROGRAM 1.50

Package Delivery Configuration Editor

Package Phone

= 1-800-825-3954

Package Baud

= 9600

Package Inactivity(sec)

= 10

Max Database Entries

= 1024

Modem Status: IDLE

Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Users 50 Keys ☐ Signal ☐

Select an Option <Enter>

Fig. 10f-1

DPC AGENT PROGRAM 1.50

Provider Configuration Editor

Outbound Protocol = Modem - PPP

Internet Phone

= 343-2720

Internet Baud

= 57600

Internet MTU

= 1500

Internet Inactivity(sec)

= 180

IP Address(ISP)

= 153.35.210.185

Hybrid gateway Address

= 206.71.99.5

Auto Login Enabled

= No

Modify Auto login Script

Modify PPP Configuration

Modem Status: IDLE

Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Users 50 Keys ☐ Signal ☐

Select an Option <Enter>

Fig. 10f-2

DPC AGENT PROGRAM 1.50	
Login Script Editor	
Wait1:	Wait Timeout 1= 10
Send1:	
Wait2:	Wait Timeout 2= 5
Send2:	
Wait3:	Wait Timeout 3= 5
Send3:	
Wait4:	Wait Timeout 4= 5
Send4:	
Wait5:	Wait Timeout 5= 5
Send5:	
Wait6:	Wait Timeout 6= 5
Send6:	
Wait7:	Wait Timeout 7= 5
Send7:	
Wait8:	Wait Timeout 8= 5
Send8:	
Wait9:	Wait Timeout 9= 5
Send9:	
Modem Status: IDLE Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/> Package Status: IDLE Select an Option <Enter> Users 50 Keys <input type="checkbox"/> Signal <input type="checkbox"/>	

Fig. 10g-1

DPC AGENT PROGRAM 1.50	
Provider Configuration Editor	
Outbound Protocol = Modem - PPP	
PPP Configuration Editor	
Authentication User Name: Authentication Password : Maximum Receive Unit : 1400 Asynch. Control Char Map: 0x0	
Modify Auto Login Script Modify PPP Configuration	
Modem Status: IDLE Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/> Package Status: IDLE Select an Option <Enter> Users 50 Keys <input type="checkbox"/> Signal <input type="checkbox"/>	

Fig. 10g-2

DPC AGENT PROGRAM 1.50

Provider Configuration Editor

Outbound Protocol = Modem - PPP

Internet Phone	=	<div style="border: 1px solid black; padding: 5px;"> Outbound Protocol Modem - SLIP Modem - PPP LAN/WAN </div>
Internet Baud	=	
Internet MTU	=	
Internet Inactivity(sec)	=	
IP Address(ISP)	=	
Hybrid gateway Address	=	

Auto Login Enabled = No

Modify Auto login Script

Modify PPP Configuration

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10h-1

DPC AGENT PROGRAM 1.50

Provider Configuration Editor

Outbound Protocol = LAN/WAN

Network Route Configuration Editor

Interface: 2

Router Mac Address: 00-00-0c-4a-55-f4

Auto Login Enabled = No

Modify Auto Login Script

Modify Network Configuration

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10h-2

DPC AGENT PROGRAM 1.50

Dish Pointing

Antenna Pointing Calculations

Signal Strength Meter

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
Package Status: IDLE
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10i-1

DPC AGENT PROGRAM 1.50

Antenna Pointing Calculations

Country = USA	Region = Utah
City = Orem	Service = Hughes
	Satellite = Galaxy 4
Satellite Longitude = 99	Hemisphere = West
Satellite Polarization = Horz	Frequency = 1330
Ground Longitude degrees = 111	minutes = 42 Hemisphere=West
Ground Latitude degrees = 40	minutes = 19 Hemisphere=North
COMPUTE NOW	
Elevation = 41.608868	
True Azimuth 160.800003	
Magnetic Azimuth 147.300003	
Polarization -14.500000	

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐
Package Status: IDLE
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10i-2

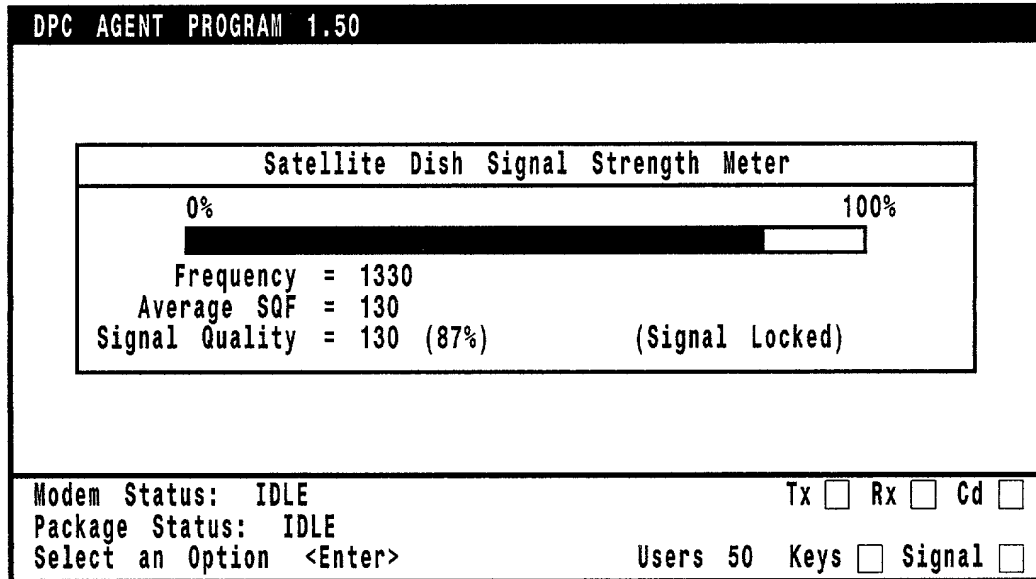


Fig. 10j-1

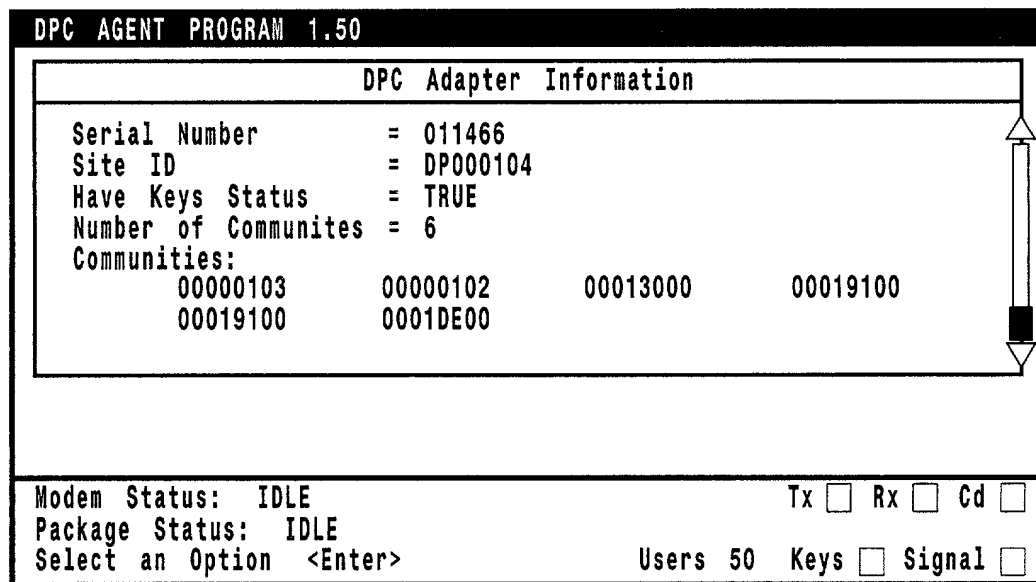


Fig. 10j-2

DPC AGENT PROGRAM 1.50

Modem Control Options

Disconnect the Modem

Dial the Internet

Dial the Package Delivery

Send to the Modem

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10k